

UNCLASSIFIED



**Joint Interoperability Test Command
Washington Operations Division**

Capt April Major

UNCLASSIFIED



UNCLASSIFIED

Agenda

- **Directives**
- **Interoperability vs. Integration**
- **DODIIS Systems**
- **Certification Status Reporting**
- **JITC Process Requirements**
- **FY03 Team Contact List**



UNCLASSIFIED



UNCLASSIFIED

Joint Interoperability Directives

DODD 4630.5

Forces must have interoperable NSS and ITS.

DODD 5105.19

DISA shall ensure end-to-end interoperability.

CJCSI 6212.01B

JITC is the sole NSS and ITS joint interoperability certifier.

JCS Pub 1-02

Interoperability is the ability of systems, units, or forces to provide services to and accept services from other systems, units or forces, and to use the services so exchanged to enable them to operate effectively together.

DODI 4630.8

All NSS and ITS are for joint use and shall be certified by DISA in the acquisition process.

CJCSI 3170.01A

Mandates interoperability KPP for CRDs and ORDs.

DOD Regulation 5000.2-R

JITC shall certify that NSS and ITS meet applicable requirements for interoperability and supportability.



UNCLASSIFIED

Interoperability vs. Integration

- **Interoperability**

- Demonstrates end-to-end exchange of data between applications with no loss of precession, formats understood by all applications, and interpretation is the same
- Ability of systems, units, or forces to provide services to and accept services from other systems, units or forces, and to use the services so exchanged to enable them to operate effectively together

- **Integration**

- Verifies installation procedures and infrastructure compliance
- Identifies computer and network impacts of a computing environment

UNCLASSIFIED



UNCLASSIFIED

DODIIS Systems

- **DOD Intelligence Information System (DODIIS), Defense Intelligence Agency**
 - Interoperability test and certification of intelligence systems/mission applications (50+ individual programs)



UNCLASSIFIED



UNCLASSIFIED

DODIIS Systems

- **43 systems/software versions evaluated for Interoperability testing requirements (FY-02)**
 - 28 determined to require test and certification
 - **14 Beta I tests**
 - 14 progressed to Beta II testing
 - 10 Achieved Interoperability Certification
 - 15 received no-test determinations
 - No test status results from a determination that the software modifications have no impact on interoperability or the system identified for test has no current interoperability with external interfaces
- **1 system received do not test recommendation**
 - Adequate documentation was not provided to support initial requirements review

UNCLASSIFIED



UNCLASSIFIED

Certification Status Reporting

- **Full System Certification**
 - All critical interfaces certified
 - No operational impact expected from non-critical interfaces
- **Certified for Specified Interfaces**
 - Some critical interfaces not certified (not tested or failed)
 - Address Operational Impact of non-certified interfaces
- **System not Certified**
 - No critical interfaces certified (not tested or failed)

UNCLASSIFIED



UNCLASSIFIED

JITC Process Requirements

- **PM requirements:**
 - Provide name/number/e-mail address to JITC T & E representative
 - Establish initial contact/meeting with JITC prior to JTPM
- **Provide required documents (as applicable) prior to JTPM:**
 - Mission Needs Statement (MNS)
 - Operational Requirement's Document (ORD)
 - Test and Evaluation Master Plan (TEMP)
 - Concept of Operations (CONOPS)
 - Interface Control Document (ICD)

UNCLASSIFIED



UNCLASSIFIED

FY03 Team Contact List

Capt April Major, USAF COM: 301-744-2783 DSN: 354 <u>majora@ncr.disa.mil</u>	Chief, DoDIIS Interoperability Testing
Russ Wilson COM: 301-744-2634 DSN: 354 <u>wilson1r@ncr.disa.mil</u>	Task Leadership, JTPM, Research, Testing Determinations, Editing
Ray Berry COM: 301-744-2676 DSN:354 <u>berry1R@ncr.disa.mil</u>	JTT, JIVA-VKB, VL, IPE, JCE, MDDS, Portal, MASINT Portal, and V
Tony Brown COM: 301-744-5805 DSN:354 <u>brown7T@ncr.disa.mil</u>	Tel-Scope, TPT-LN, IC MAP, Constant Sentinel
John Crawford COM: 301-744-2793 DSN:354 <u>crawforJ@ncr.disa.mil</u>	Broadsword, ION, JDISS, CMMA, MRS, PRISM, GCCS-I3, Coliseum, NTSDS
Shirley LaJoie COM: 301-744-2829 DSN: 354 <u>laJoie1s@ncr.disa.mil</u>	A2IPB, ISSE Guard, MIDB, Security Bridge, DMS SCI, Pathfinder
Andrew Mahaney COM: 301-744-2840 DSN: 357 <u>mahaneya@ncr.disa.mil</u>	CSP, JEDI, NSRP, MLDBR, ITPTS, CASE, IWPC

UNCLASSIFIED



UNCLASSIFIED

QUESTIONS?

UNCLASSIFIED